



Alberta Oil Sands Plant Statistics

Monthly Supplement

January 1984

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.



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BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year		JANUARY Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		3 282 358	11.58	2 837 819	11.16
PROCESSED		3 282 358	11.58	1 656 851	11.32
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		24 138.0	4.0	99 750.0	5.1
GENERATED		-	33.5	-	52.8
		24 138.0	37.5	99 750.0	57.9
PLANT USE		12 811.0	37.5	79 889.0	57.9
FURTHER PROCESSING		11 327.0	-	19 861.0	-
FLARED		-	-	-	-
METER DIFF.		-	-	-	-
		24 138.0	37.5	99 750.0	57.9

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 JANUARY
Year Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	248 814.1	1 004.8	74 515	9 547 ^(B)	324 678.9	244 255.8 ^(A)
CLOSE INV.	75 391.8	1 091.4	1 501 200	520 995	41 093.2	8 293.5
	<u>239 762.8</u>	<u>1 572.9</u>	<u>63 530</u>	<u>9 500</u>	<u>318 503.6</u>	<u>256 731.2</u>
FURTHER PROC.	-	-	-	-	318 503.6	256 201.4
FUEL	3 992.8	1 572.9	63 530	-	-	-
FLARED/WASTE	-	-	-	891	-	455.4
METER DIFF.	812.9	-	-	-	-	74.4
DELIVERIES	<u>234 957.1</u>	<u>-</u>	<u>-</u>	<u>8 609</u>	<u>-</u>	<u>-</u>
	<u>239 762.8</u>	<u>1 572.9</u>	<u>63 530</u>	<u>9 500</u>	<u>318 503.6</u>	<u>256 731.2</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	70 375.0 ^(C)	6 524.0	9 081	3 238	168 471.0	73 180.0
CLOSE INV.	14 783.0	60 023.0	3 172 443	98 813	543 252.0	51 110.0
	<u>76 003.0</u>	<u>5 487.0</u>	<u>-</u>	<u>3 414</u>	<u>91 520.0</u>	<u>69 085.0</u>
FURTHER PROC.	-	3 003.0	-	-	88 540.0	74 828.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	2 484.0	-	-	-	241.0
METER DIFF.	-	-	-	-	-	(1.0)
DELIVERIES	<u>76 003.0</u>	<u>-</u>	<u>-</u>	<u>3 414</u>	<u>-</u>	<u>-</u>
	<u>76 003.0</u>	<u>5 487.0</u>	<u>-</u>	<u>3 414</u>	<u>88 540.0</u>	<u>75 068.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year to JANUARY Date	
<u>SUNCOR</u>		<u>SYNCRUDE</u>	
OIL SANDS		OIL SANDS	
	<u>TONNES</u>	<u>GRADE</u>	
PRODUCTION	<u>3 282 358</u>	<u>11.58</u>	PRODUCTION
PROCESSED	<u>3 282 358</u>	<u>11.58</u>	PROCESSED
<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
	<u>GAS</u>	<u>ELECTRIC</u>	
	<u>10³ m³</u>	<u>GWh</u>	
PURCHASED	24 138.0	4.0	PURCHASED
GENERATED	<u>-</u>	<u>33.5</u>	GENERATED
	<u>24 138.0</u>	<u>37.5</u>	
PLANT USE	12 811.0	37.5	PLANT USE
FURTHER PROCESSING	11 327.0	-	FURTHER PROCESSING
FLARED	-	-	FLARED
METER DIFF.	<u>-</u>	<u>-</u>	METER DIFF.
	24 138.0	37.5	

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 JANUARY
Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	248 814.1	1 004.8	74 515	9 547 (B)	324 678.9	244 255.8 (A)
CLOSE INV.	75 391.8	1 091.4	1 501 200	520 995	41 093.2	8 293.5
	<u>239 762.8</u>	<u>1 572.9</u>	<u>63 530</u>	<u>9 500</u>	<u>318 503.6</u>	<u>256 731.2</u>
FURTHER PROC.	-	-	-	-	318 503.6	256 201.4
FUEL	3 992.8	1 572.9	63 530	-	-	-
FLARED/WASTE	-	-	-	891	-	455.4
METER DIFF.	812.9	-	-	-	-	74.4
DELIVERIES	<u>234 957.1</u>	<u>-</u>	<u>-</u>	<u>8 609</u>	<u>-</u>	<u>-</u>
	<u>239 762.8</u>	<u>1 572.9</u>	<u>63 530</u>	<u>9 500</u>	<u>318 503.6</u>	<u>256 731.2</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	70 375.0 (C)	6 524.0	9 081	3 238	168 471.0	73 180.0
CLOSE INV.	14 783.0	60 023.0	3 172 443	98 813	543 252.0	51 110.0
	<u>76 003.0</u>	<u>5 487.0</u>	<u>-</u>	<u>3 414</u>	<u>91 520.0</u>	<u>69 085.0</u>
FURTHER PROC.	-	3 003.0	-	-	88 540.0	74 828.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	2 484.0	-	-	-	241.0
METER DIFF.	-	-	-	-	-	(1.0)
DELIVERIES	<u>76 003.0</u>	<u>-</u>	<u>-</u>	<u>3 414</u>	<u>-</u>	<u>-</u>
	<u>76 003.0</u>	<u>5 487.0</u>	<u>-</u>	<u>3 414</u>	<u>88 540.0</u>	<u>75 068.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.



Alberta Oil Sands Plant Statistics

Monthly Supplement

February 1984

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year		FEBRUARY Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		3 100 171	12.04	PRODUCTION	1 999 851 10.86
PROCESSED		3 100 171	12.04	PROCESSED	2 759 569 10.75
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		18 510.5	1.7	PURCHASED	67 047.0 0.7
GENERATED		-	34.1	GENERATED	- 51.0
		18 510.5	35.8		67 047.0 51.7
PLANT USE		7 628.9	35.8	PLANT USE	50 404.0 51.7
FURTHER PROCESSING		10 881.6	-	FURTHER PROCESSING	16 643.0 -
FLARED		-	-	FLARED	- -
METER DIFF.		-	-	METER DIFF.	- -
		18 510.5	35.8		67 047.0 51.7

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

February

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	75 391.8	1 091.4	1 501 200	520 995	41 093.2	8 293.5
PRODUCTION	261 356.4	1 053.1	78 544	10 150 (B)	321 598.7	254 733.4 (A)
CLOSE INV.	78 972.9	1 625.5	1 516 295	524 687	26 463.3	6 679.0
	257 775.3	519.0	63 449	6 458	336 228.6	256 347.9
FURTHER PROC.	-	-	-	-	336 228.6	256 372.0
FUEL	3 896.8	519.0	63 449	-	-	-
FLARED/WASTE	-	-	-	864	-	-
METER DIFF.	80.8	-	-	(1)	-	(24.1)
DELIVERIES	253 797.7	-	-	5 595	-	-
	257 775.3	519.0	63 449	6 458	336 228.6	256 347.9
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	14 783.0	60 023.0	3 172 443	98 813	543 252.0	51 110.0
PRODUCTION	210 425.0 (C)	9 300.0	26 906	8 130	253 844.0	201 638.0
CLOSE INV.	27 420.0	62 285.0	3 199 349	98 963	534 767.0	39 931.0
	197 788.0	7 038.0	-	7 980	262 329.0	212 817.0
FURTHER PROC.	-	3 269.0	-	-	262 330.0	215 142.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	3 769.0	-	-	-	322.0
METER DIFF.	-	-	-	-	(2.0)	623.0
DELIVERIES	197 788.0	-	-	7 980	-	-
	197 788.0	7 038.0	-	7 980	262 328.0	216 087.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 FEBRUARY
Year to Date

SUNCOR

OIL SANDS

	TONNES	GRADE
PRODUCTION	6 382 529	11.80
PROCESSED	6 382 529	11.80

SYNCRUDE

OIL SANDS

	TONNES	GRADE
PRODUCTION	4 837 670	11.04
PROCESSED	4 416 420	10.96

EXTERNAL ENERGY

GAS	ELECTRIC
10 ³ m ³	GWh

PURCHASED	42 648.5	5.7
GENERATED	-	67.6
	42 648.5	73.3
PLANT USE	20 439.9	73.3
FURTHER PROCESSING	22 208.6	-
FLARED	-	-
METER DIFF.	-	-
	42 648.5	73.3

EXTERNAL ENERGY

GAS	ELECTRIC
10 ³ m ³	GWh

PURCHASED	166 797.0	5.8
GENERATED	-	103.8
	166 797.0	109.6
PLANT USE	130 293.0	109.6
FURTHER PROCESSING	36 504.0	-
FLARED	-	-
METER DIFF.	-	-
	166 797.0	109.6

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 FEBRUARY

Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	510 170.5	2 057.9	153 059	19 697 ^(B)	646 277.6	498 989.2 ^(A)
CLOSE INV.	78 972.9	1 625.5	1 516 295	524 687	26 463.3	6 679.0
	<u>497 538.1</u>	<u>2 091.9</u>	<u>126 979</u>	<u>15 958</u>	<u>654 732.2</u>	<u>513 079.1</u>
FURTHER PROC.	-	-	-	-	654 732.2	512 573.4
FUEL	7 889.6	2 091.9	126 979	-	-	-
FLARED/WASTE	-	-	-	1 755	-	455.4
METER DIFF.	893.7	-	-	(1)	-	50.3
DELIVERIES	488 754.8	-	-	14 204	-	-
	<u>497 538.1</u>	<u>2 091.9</u>	<u>126 979</u>	<u>15 958</u>	<u>654 732.2</u>	<u>513 079.1</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	280 800.0 ^(C)	15 824.0	35 987	11 368	422 315.0	274 818.0
CLOSE INV.	27 420.0	62 285.0	3 199 349	98 963	534 767.0	39 931.0
	<u>273 791.0</u>	<u>12 525.0</u>	<u>-</u>	<u>11 394</u>	<u>353 849.0</u>	<u>281 902.0</u>
FURTHER PROC.	-	6 272.0	-	-	350 870.0	289 970.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	6 253.0	-	-	-	563.0
METER DIFF.	-	-	-	-	(2.0)	622.0
DELIVERIES	273 791.0	-	-	11 394	-	-
	<u>273 791.0</u>	<u>12 525.0</u>	<u>-</u>	<u>11 394</u>	<u>350 868.0</u>	<u>291 155.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

CANADA
JUL 12 1984



Alberta Oil Sands Plant Statistics

Monthly Supplement

March 1984

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year		MARCH Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		<u>OIL SANDS</u>		<u>OIL SANDS</u>	
		<u>TONNES</u>	<u>GRADE</u>	<u>TONNES</u>	<u>GRADE</u>
PRODUCTION		<u>3 404 933</u>	<u>11.33</u>	PRODUCTION	<u>8 046 661 11.14</u>
PROCESSED		<u>3 404 848</u>	<u>11.33</u>	PROCESSED	<u>7 490 728 11.10</u>
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		<u>GAS</u>	<u>ELECTRIC</u>	<u>GAS</u>	<u>ELECTRIC</u>
		<u>10³ m³</u>	<u>GWh</u>	<u>10³ m³</u>	<u>GWh</u>
PURCHASED		27 440.0	3.1	PURCHASED	64 727.0 15.1
GENERATED		-	34.1	GENERATED	- 70.0
		<u>27 440.0</u>	<u>37.2</u>		<u>64 727.0 85.1</u>
PLANT USE		17 234.0	37.2	PLANT USE	29 905.0 85.1
FURTHER PROCESSING		10 185.9	-	FURTHER PROCESSING	34 822.0 -
FLARED		20.1	-	FLARED	- -
METER DIFF.		-	-	METER DIFF.	- -
		<u>27 440.0</u>	<u>37.2</u>		<u>64 727.0 85.1</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 MARCH

Year Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	78 972.9	1 625.5	1 516 295	524 687	26 463.3	6 679.0
PRODUCTION	237 142.7	2 113.0	77 400	9 647 ^(B)	326 061.1	257 828.1 ^(A)
CLOSE INV.	81 681.6	1 759.6	1 531 202	524 822	21 192.6	18 879.5
	<u>234 434.0</u>	<u>1 978.9</u>	<u>62 493</u>	<u>9 512</u>	<u>331 331.8</u>	<u>245 627.6</u>
FURTHER PROC.	-	-	-	-	331 331.8	246 925.3
FUEL	3 684.3	1 978.9	62 493	-	-	-
FLARED/WASTE	-	-	-	789	-	68.8
METER DIFF.	1 062.7	-	-	-	-	(1 366.5)
DELIVERIES	<u>229 687.0</u>	<u>-</u>	<u>-</u>	<u>8 723</u>	<u>-</u>	<u>-</u>
	<u>234 434.0</u>	<u>1 978.9</u>	<u>62 493</u>	<u>9 512</u>	<u>331 331.8</u>	<u>245 627.6</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	27 420.0	62 285.0	3 199 349	98 963	534 767.0	39 931.0
PRODUCTION	580 817.0 ^(C)	17 887.0	69 606	22 806	727 414.0	548 940.0
CLOSE INV.	31 847.0	62 820.0	3 268 955	99 060	531 574.0	48 674.0
	<u>576 390.0</u>	<u>17 352.0</u>	<u>-</u>	<u>22 709</u>	<u>730 607.0</u>	<u>540 197.0</u>
FURTHER PROC.	-	6 502.0	-	-	688 992.0	586 808.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	10 850.0	-	-	-	1 505.0
METER DIFF.	-	-	-	-	1.0	-
DELIVERIES	<u>576 390.0</u>	<u>-</u>	<u>-</u>	<u>22 709</u>	<u>-</u>	<u>-</u>
	<u>576 390.0</u>	<u>17 352.0</u>	<u>-</u>	<u>22 709</u>	<u>688 993.0</u>	<u>588 313.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year to MARCH Date	
<u>SUNCOR</u>		<u>SYNCRUDE</u>	
OIL SANDS		OIL SANDS	
	TONNES GRADE		TONNES GRADE
PRODUCTION	<u>9 787 462</u> <u>11.64</u>	PRODUCTION	<u>12 884 331</u> <u>11.10</u>
PROCESSED	<u>9 787 377</u> <u>11.64</u>	PROCESSED	<u>11 907 148</u> <u>11.05</u>
<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
	GAS ELECTRIC		GAS ELECTRIC
	10 ³ m ³ GWh		10 ³ m ³ GWh
PURCHASED	70 088.5 8.8	PURCHASED	231 524.0 20.9
GENERATED	<u>-</u> <u>101.7</u>	GENERATED	<u>-</u> <u>173.8</u>
	<u>70 088.5</u> <u>110.5</u>		<u>231 524.0</u> <u>194.7</u>
PLANT USE	37 673.9 110.5	PLANT USE	160 198.0 194.7
FURTHER PROCESSING	32 394.5 -	FURTHER PROCESSING	71 326.0 -
FLARED	20.1 -	FLARED	- -
METER DIFF.	<u>-</u> <u>-</u>	METER DIFF.	<u>-</u> <u>-</u>
	<u>70 088.5</u> <u>110.5</u>		<u>231 524.0</u> <u>194.7</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

MARCH

Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	747 313.2	4 170.9	230 459	29 344 ^(B)	972 338.7	756 817.3 ^(A)
CLOSE INV.	81 681.6	1 759.6	1 531 202	524 822	21 192.6	18 879.5
	<u>731 972.1</u>	<u>4 070.8</u>	<u>189 472</u>	<u>25 470</u>	<u>986 064.0</u>	<u>758 706.7</u>
FURTHER PROC.	-	-	-	-	986 064.0	759 498.7
FUEL	11 573.9	4 070.8	189 472	-	-	-
FLARED/WASTE	-	-	-	2 544	-	524.2
METER DIFF.	1 956.4	-	-	(1)	-	(1 316.2)
DELIVERIES	718 441.8	-	-	22 927	-	-
	<u>731 972.1</u>	<u>4 070.8</u>	<u>189 472</u>	<u>25 470</u>	<u>986 064.0</u>	<u>758 706.7</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	861 617.0 ^(C)	33 711.0	105 593	34 174	1 149 729.0	823 758.0
CLOSE INV.	31 847.0	62 820.0	3 268 955	99 060	531 574.0	48 674.0
	<u>850 181.0</u>	<u>29 877.0</u>	<u>-</u>	<u>34 103</u>	<u>1 084 456.0</u>	<u>822 099.0</u>
FURTHER PROC.	-	12 774.0	-	-	1 039 862.0	876 778.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	17 103.0	-	-	-	2 068.0
METER DIFF.	-	-	-	-	(1.0)	622.0
DELIVERIES	850 181.0	-	-	34 103	-	-
	<u>850 181.0</u>	<u>29 877.0</u>	<u>-</u>	<u>34 103</u>	<u>1 039 861.0</u>	<u>879 468.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 APRIL
Year Month

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
OIL SANDS			OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	<u>2 035 950</u>	<u>10.65</u>	PRODUCTION	<u>8 795 295</u>	<u>11.02</u>
PROCESSED	<u>2 035 950</u>	<u>10.65</u>	PROCESSED	<u>7 707 294</u>	<u>10.90</u>

<u>EXTERNAL ENERGY</u>			<u>EXTERNAL ENERGY</u>		
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	25 126.2	3.9	PURCHASED	54 043.0	14.0
GENERATED	-	23.3	GENERATED	-	64.4
	<u>25 126.2</u>	<u>27.2</u>		<u>54 043.0</u>	<u>78.4</u>
PLANT USE	16 804.8	27.2	PLANT USE	17 521.0	78.4
FURTHER PROCESSING	8 173.7	-	FURTHER PROCESSING	36 522.0	-
FLARED	147.7	-	FLARED	-	-
METER DIFF.	-	-	METER DIFF.	-	-
	<u>25 126.2</u>	<u>27.2</u>		<u>54 043.0</u>	<u>78.4</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

APRIL

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	81 681.6	1 759.6	1 531 202	524 822	21 192.6	18 879.5
PRODUCTION	142 628.2	-	40 506	5 508 ^(B)	171 548.4	137 836.3 ^(A)
CLOSE INV.	89 405.6	1 281.8	1 525 892	525 263	19 334.0	9 155.3
	134 904.2	477.8	45 816	5 067	173 407.0	147 560.5
FURTHER PROC.	-	-	-	-	173 407.0	146 767.1
FUEL	4 120.5	477.8	45 816	-	-	-
FLARED/WASTE	-	-	-	794	-	-
METER DIFF.	(238.6)	-	-	-	-	793.4
DELIVERIES	131 022.3	-	-	4 273	-	-
	134 904.2	477.8	45 816	5 067	173 407.0	147 560.5
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	31 847.0	62 820.0	3 268 955	99 060	531 574.0	48 674.0
PRODUCTION	651 712.0 ^(C)	11 668.0	75 892	25 685	741 607.0	599 510.0
CLOSE INV.	28 020.0	54 480.0	3 344 847	99 389	497 352.0	41 739.0
	655 539.0	20 008.0	-	25 356	775 829.0	606 445.0
FURTHER PROC.	-	10 191.0	-	-	739 943.0	651 100.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	9 817.0	-	-	-	1 424.0
METER DIFF.	-	-	-	1	-	(2.0)
DELIVERIES	655 539.0	-	-	25 355	-	-
	655 539.0	20 008.0	-	25 356	739 943.0	652 522.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 APRIL
Year to Date

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
OIL SANDS			OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	<u>11 823 412</u>	<u>11.47</u>	PRODUCTION	<u>21 679 626</u>	<u>11.07</u>
PROCESSED	<u>11 823 327</u>	<u>11.47</u>	PROCESSED	<u>19 614 442</u>	<u>11.00</u>
 <u>EXTERNAL ENERGY</u>			 <u>EXTERNAL ENERGY</u>		
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	95 214.7	12.7	PURCHASED	285 567.0	34.9
GENERATED	<u>-</u>	<u>125.0</u>	GENERATED	<u>-</u>	<u>238.2</u>
	<u>95 214.7</u>	<u>137.7</u>		<u>285 567.0</u>	<u>273.1</u>
PLANT USE	54 478.7	137.7	PLANT USE	177 719.0	273.1
FURTHER PROCESSING	40 568.2	-	FURTHER PROCESSING	107 848.0	-
FLARED	167.8	-	FLARED	-	-
METER DIFF.	<u>-</u>	<u>-</u>	METER DIFF.	<u>-</u>	<u>-</u>
	<u>95 214.7</u>	<u>137.7</u>		<u>285 567.0</u>	<u>273.1</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

APRIL

Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	889 941.4	4 170.9	270 965	34 852 ^(B)	1 143 887.1	894 653.6 ^(A)
CLOSE INV.	89 405.6	1 281.8	1 525 892	525 263	19 334.0	9 155.3
	<u>866 876.3</u>	<u>4 548.6</u>	<u>235 288</u>	<u>30 537</u>	<u>1 159 471.0</u>	<u>906 267.2</u>
FURTHER PROC.	-	-	-	-	1 159 471.0	906 265.8
FUEL	15 694.4	4 548.6	235 288	-	-	-
FLARED/WASTE	-	-	-	3 338	-	524.2
METER DIFF.	1 717.8	-	-	(1)	-	(522.8)
DELIVERIES	849 464.1	-	-	27 200	-	-
	<u>866 876.3</u>	<u>4 548.6</u>	<u>235 288</u>	<u>30 537</u>	<u>1 159 471.0</u>	<u>906 267.2</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	1 513 329.0 ^(C)	45 379.0	181 485	59 859	1 891 336.0	1 423 268.0
CLOSE INV.	28 020.0	54 480.0	3 344 847	99 389	497 352.0	41 739.0
	<u>1 505 720.0</u>	<u>49 885.0</u>	<u>-</u>	<u>59 459</u>	<u>1 860 285.0</u>	<u>1 428 544.0</u>
FURTHER PROC.	-	22 965.0	-	-	1 779 805.0	1 527 878.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	26 920.0	-	-	-	3 492.0
METER DIFF.	-	-	-	1	(1.0)	620.0
DELIVERIES	1 505 720.0	-	-	59 458	-	-
	<u>1 505 720.0</u>	<u>49 885.0</u>	<u>-</u>	<u>59 459</u>	<u>1 779 804.0</u>	<u>1 531 990.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984	MAY
Year	Month

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
OIL SANDS			OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	2 900 567	11.77	PRODUCTION	8 627 004	10.68
PROCESSED	2 900 567	11.77	PROCESSED	8 361 185	11.16
<u>EXTERNAL ENERGY</u>			<u>EXTERNAL ENERGY</u>		
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	27 579.3	1.0	PURCHASED	51 247.0	12.1
GENERATED	-	22.3	GENERATED	-	70.2
	27 579.3	23.3		51 247.0	82.3
PLANT USE	18 075.5	23.3	PLANT USE	16 198.0	82.3
FURTHER PROCESSING	9 343.4	-	FURTHER PROCESSING	35 049.0	-
FLARED	160.4	-	FLARED	-	-
METER DIFF.	-	-	METER DIFF.	-	-
	27 579.3	23.3		51 247.0	82.3

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

OPERATOR						1984	MAY
						Year	Month
		PRODUCTS			INTERMEDIATES		
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³	
<u>SUNCOR</u>		Heavy Fuel Oil					
OPEN INV.	89 405.6	1 281.8	1 525 892	525 263	19 334.0	9 155.3	(A)
PRODUCTION	202 621.5	1 285.2	64 420	8 050	291 721.7	216 774.1	(B)
CLOSE INV.	83 867.9	2 294.2	1 547 879	511 985	35 296.1	20 589.0	
	208 159.2	272.8	42 433	21 328	275 759.6	205 340.4	
FURTHER PROC.	-	-	-	-	275 759.6	206 024.0	
FUEL	4 426.1	272.8	42 433	-	-	-	
FLARED/WASTE	-	-	-	887	-	-	
METER DIFF.	1 599.7	-	-	-	-	(683.6)	
DELIVERIES	202 133.4	-	-	20 441	-	-	
	208 159.2	272.8	42 433	21 328	275 759.6	205 340.4	
<u>SYNCRUDE</u>		Diluent Naphtha					
OPEN INV.	28 020.0	54 480.0	3 344 847	99 389	497 352.0	41 739.0	
PRODUCTION	637 661.0	21 457.0	77 291	25 794	820 683.0	603 275.0	(C)
CLOSE INV.	19 601.0	51 905.0	3 422 138	99 232	523 312.0	51 067.0	
	646 080.0	24 032.0	-	25 951	794 723.0	593 947.0	
FURTHER PROC.	-	12 976.0	-	-	753 578.0	645 809.0	
FUEL	-	-	-	-	-	-	
FLARED/WASTE	-	11 056.0	-	-	-	1 714.0	
METER DIFF.	-	-	-	-	545.0	-	
DELIVERIES	646 080.0	-	-	25 951	-	-	
	646 080.0	24 032.0	-	25 951	754 123.0	647 523.0	

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984
Year to MAY
Date

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
OIL SANDS			OIL SANDS		
	<u>TONNES</u>	<u>GRADE</u>		<u>TONNES</u>	<u>GRADE</u>
PRODUCTION	<u>14 809 924</u>	<u>11.42</u>	PRODUCTION	<u>30 306 630</u>	<u>10.96</u>
PROCESSED	<u>14 723 894</u>	<u>11.53</u>	PROCESSED	<u>27 975 627</u>	<u>11.04</u>
 <u>EXTERNAL ENERGY</u>			 <u>EXTERNAL ENERGY</u>		
	<u>GAS</u>	<u>ELECTRIC</u>		<u>GAS</u>	<u>ELECTRIC</u>
	<u>10³ m³</u>	<u>GWh</u>		<u>10³ m³</u>	<u>GWh</u>
PURCHASED	122 794.0	13.7	PURCHASED	336 814.0	47.0
GENERATED	-	147.3	GENERATED	-	308.4
	<u>122 794.0</u>	<u>161.0</u>		<u>336 814.0</u>	<u>355.4</u>
PLANT USE	72 554.2	161.0	PLANT USE	193 917.0	355.4
FURTHER PROCESSING	49 911.6	-	FURTHER PROCESSING	142 897.0	-
FLARED	328.2	-	FLARED	-	-
METER DIFF.	-	-	METER DIFF.	-	-
	<u>122 794.0</u>	<u>161.0</u>		<u>336 814.0</u>	<u>355.4</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984
Year to MAY
Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948 (B)	34 917.9	20 768.9 (A)
PRODUCTION	1 092 562.9	5 456.1	335 385	42 902	1 435 608.8	1 111 427.7
CLOSE INV.	83 867.9	2 294.2	1 547 879	511 985	35 296.1	20 589.0
	<u>1 075 035.5</u>	<u>4 821.4</u>	<u>277 721</u>	<u>51 865</u>	<u>1 435 230.6</u>	<u>1 111 607.6</u>
FURTHER PROC.	-	-	-	-	1 435 230.6	1 112 289.8
FUEL	20 120.5	4 821.4	277 721	-	-	-
FLARED/WASTE	-	-	-	4 225	-	524.2
METER DIFF.	3 317.5	-	-	(1)	-	(1 206.4)
DELIVERIES	<u>1 051 597.5</u>	<u>-</u>	<u>-</u>	<u>47 641</u>	<u>-</u>	<u>-</u>
	<u>1 075 035.5</u>	<u>4 821.4</u>	<u>277 721</u>	<u>51 865</u>	<u>1 435 230.6</u>	<u>1 111 607.6</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	2 150 990.0 (C)	66 836.0	258 776	85 653	2 712 019.0	2 026 543.0
CLOSE INV.	19 601.0	51 905.0	3 422 138	99 232	523 312.0	51 067.0
	<u>2 151 800.0</u>	<u>73 917.0</u>	<u>-</u>	<u>85 410</u>	<u>2 655 008.0</u>	<u>2 022 491.0</u>
FURTHER PROC.	-	35 941.0	-	-	2 533 383.0	2 173 687.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	37 976.0	-	-	-	5 206.0
METER DIFF.	-	-	-	1	544.0	620.0
DELIVERIES	<u>2 151 800.0</u>	<u>-</u>	<u>-</u>	<u>85 409</u>	<u>-</u>	<u>-</u>
	<u>2 151 800.0</u>	<u>73 917.0</u>	<u>-</u>	<u>85 410</u>	<u>2 533 927.0</u>	<u>2 179 513.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.



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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984		JUNE	
		Year		Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		3 269 349	11.84	PRODUCTION	7 420 676 11.34
PROCESSED		3 269 349	11.84	PROCESSED	7 692 759 11.00
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		29 314.0	10.4	PURCHASED	48 898.0 10.0
GENERATED		-	24.8	GENERATED	- 65.7
		29 314.0	35.2		48 898.0 75.7
PLANT USE		17 646.9	35.2	PLANT USE	12 857.0 75.7
FURTHER PROCESSING		11 237.7	-	FURTHER PROCESSING	36 041.0 -
FLARED		429.4	-	FLARED	- -
METER DIFF.		-	-	METER DIFF.	- -
		29 314.0	35.2		48 898.0 75.7

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984	JUNE
Year	Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	83 867.9	2 294.2	1 547 879	511 985	35 296.1	20 589.0
PRODUCTION	247 490.4	689.7	78 306	10 205 ^(B)	325 762.2	252 875.9 ^(A)
CLOSE INV.	81 297.1	1 895.5	1 581 799	500 402	25 783.5	23 747.4
	<u>250 061.2</u>	<u>1 088.4</u>	<u>44 386</u>	<u>21 788</u>	<u>335 274.8</u>	<u>249 717.5</u>
FURTHER PROC.	-	-	-	-	335 274.8	249 689.9
FUEL	2 614.7	1 088.4	44 387	-	-	-
FLARED/WASTE	-	-	-	1 012	-	136.5
METER DIFF.	1 336.5	-	(1)	-	-	(108.9)
DELIVERIES	<u>246 110.0</u>	<u>-</u>	<u>-</u>	<u>20 776</u>	<u>-</u>	<u>-</u>
	<u>250 061.2</u>	<u>1 088.4</u>	<u>44 386</u>	<u>21 788</u>	<u>335 274.8</u>	<u>249 717.5</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	19 601.0	51 905.0	3 422 138	99 232	523 312.0	51 067.0
PRODUCTION	622 959.0 ^(C)	20 329.0	74 490	24 819	737 672.0	586 831.0
CLOSE INV.	22 109.0	55 830.0	3 496 628	99 287	499 409.0	54 534.0
	<u>620 451.0</u>	<u>16 404.0</u>	<u>-</u>	<u>24 764</u>	<u>761 575.0</u>	<u>583 364.0</u>
FURTHER PROC.	-	6 919.0	-	-	720 735.0	630 222.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	9 485.0	-	-	-	902.0
METER DIFF.	-	-	-	1	(1.0)	-
DELIVERIES	<u>620 451.0</u>	<u>-</u>	<u>-</u>	<u>24 763</u>	<u>-</u>	<u>-</u>
	<u>620 451.0</u>	<u>16 404.0</u>	<u>-</u>	<u>24 764</u>	<u>720 734.0</u>	<u>631 124.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984		JUNE	
		Year	to	Date	
<u>SUNCOR</u>			<u>SYNCRUDE</u>		
OIL SANDS			OIL SANDS		
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	18 079 273	11.50	PRODUCTION	37 727 306	11.03
PROCESSED	17 993 243	11.58	PROCESSED	35 668 386	11.03
<u>EXTERNAL ENERGY</u>			<u>EXTERNAL ENERGY</u>		
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	152 108.0	33.3	PURCHASED	385 712.0	57.0
GENERATED	-	172.1	GENERATED	-	374.1
	152 108.0	205.4		385 712.0	431.1
PLANT USE	90 201.1	205.4	PLANT USE	206 774.0	431.1
FURTHER PROCESSING	61 149.3	-	FURTHER PROCESSING	178 938.0	-
FLARED	757.6	-	FLARED	-	-
METER DIFF.	-	-	METER DIFF.	-	-
	152 108.0	205.4		385 712.0	431.1

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 JUNE
Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	1 340 053.3	6 145.8	413 691	53 107 ^(B)	1 761 371.0	1 364 303.6 ^(A)
CLOSE INV.	81 297.1	1 895.5	1 581 799	500 402	25 783.5	23 747.4
	<u>1 325 096.7</u>	<u>5 909.8</u>	<u>322 107</u>	<u>73 653</u>	<u>1 770 505.4</u>	<u>1 361 325.1</u>
FURTHER PROC.	-	-	-	-	1 770 505.4	1 361 979.7
FUEL	22 735.2	5 909.8	322 108	-	-	-
FLARED/WASTE	-	-	-	5 237	-	660.7
METER DIFF.	4 654.0	-	(1)	(1)	-	(1 315.3)
DELIVERIES	<u>1 297 707.5</u>	<u>-</u>	<u>-</u>	<u>68 417</u>	<u>-</u>	<u>-</u>
	<u>1 325 096.7</u>	<u>5 909.8</u>	<u>322 107</u>	<u>73 653</u>	<u>1 770 505.4</u>	<u>1 361 325.1</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	2 773 949.0 ^(C)	87 165.0	333 266	110 472	3 449 691.0	2 613 374.0
CLOSE INV.	22 109.0	55 830.0	3 496 628	99 287	499 409.0	54 534.0
	<u>2 772 251.0</u>	<u>90 321.0</u>	<u>-</u>	<u>110 174</u>	<u>3 416 583.0</u>	<u>2 605 855.0</u>
FURTHER PROC.	-	42 860.0	-	-	3 254 118.0	2 803 909.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	47 461.0	-	-	-	6 108.0
METER DIFF.	-	-	-	2	543.0	620.0
DELIVERIES	<u>2 772 251.0</u>	<u>-</u>	<u>-</u>	<u>110 172</u>	<u>-</u>	<u>-</u>
	<u>2 772 251.0</u>	<u>90 321.0</u>	<u>-</u>	<u>110 174</u>	<u>3 254 661.0</u>	<u>2 810 637.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.



Alberta Oil Sands Plant Statistics

Monthly Supplement

July 1984



Albion
Of Saint John's

1801-1802

1801-1802

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984		JULY	
		Year		Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	3 608 797	11.77	PRODUCTION	10 220 188	11.11
PROCESSED	3 608 797	11.77	PROCESSED	8 759 297	11.00
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	29 015.7	17.4	PURCHASED	49 977.0	10.0
GENERATED	-	24.4	GENERATED	-	84.2
	29 015.7	41.8		49 977.0	94.2
PLANT USE	17 029.5	41.8	PLANT USE	11 469.0	94.2
FURTHER PROCESSING	11 979.4	-	FURTHER PROCESSING	38 508.0	-
FLARED	6.8	-	FLARED	-	-
METER DIFF.	-	-	METER DIFF.	-	-
	29 015.7	41.8		49 977.0	94.2

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984	JULY
Year	Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	81 297.1	1 895.5	1 581 799	500 402	25 783.5	23 747.4
PRODUCTION	274 686.1	-	82 668	10 032	352 293.3	259 795.1
CLOSE INV.	89 849.9	1 801.1	1 617 615	488 409	24 197.7	12 597.9
	266 133.3	94.4	46 852	22 025	353 879.1	270 944.6
FURTHER PROC.	-	-	-	-	353 879.1	271 700.5
FUEL	4 186.3	94.4	46 852	-	-	-
FLARED/WASTE	89.6	-	-	971	-	-
METER DIFF.	1 157.6	-	-	-	-	(755.9)
DELIVERIES	260 699.8	-	-	21 054	-	-
	266 133.3	94.4	46 852	22 025	353 879.1	270 944.6
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	22 109.0	55 830.0	3 496 628	99 287	499 409.0	54 534.0
PRODUCTION	679 206.0	16 226.0	78 424	27 088	841 453.0	621 104.0
CLOSE INV.	17 370.0	52 817.0	3 575 052	99 343	521 252.0	49 097.0
	683 945.0	19 239.0	-	27 032	819 610.0	626 541.0
FURTHER PROC.	-	8 096.0	-	-	771 647.0	682 173.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	11 143.0	-	-	-	430.0
METER DIFF.	-	-	-	-	(1.0)	(2.0)
DELIVERIES	683 945.0	-	-	27 032	-	-
	683 945.0	19 239.0	-	27 032	771 646.0	682 601.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984		JULY	
		Year		to Date	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
	TONNES	GRADE		TONNES	GRADE
PRODUCTION	21 688 070	11.54	PRODUCTION	47 947 494	11.05
PROCESSED	21 602 040	11.62	PROCESSED	44 427 683	11.03
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
	GAS	ELECTRIC		GAS	ELECTRIC
	10 ³ m ³	GWh		10 ³ m ³	GWh
PURCHASED	181 123.7	50.7	PURCHASED	435 689.0	67.0
GENERATED	-	196.5	GENERATED	-	458.3
	181 123.7	247.2		435 689.0	525.3
PLANT USE	107 230.6	247.2	PLANT USE	218 243.0	525.3
FURTHER PROCESSING	73 128.7	-	FURTHER PROCESSING	217 446.0	-
FLARED	764.4	-	FLARED	-	-
METER DIFF.	-	-	METER DIFF.	-	-
	181 123.7	247.2		435 689.0	525.3

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 JULY
Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	1 614 739.4	6 145.8	496 359	63 139 ^(B)	2 113 664.3	1 624 098.7 ^(A)
CLOSE INV.	89 849.9	1 801.1	1 617 615	488 409	24 197.7	12 597.9
	<u>1 591 230.0</u>	<u>6 004.2</u>	<u>368 959</u>	<u>95 678</u>	<u>2 124 384.5</u>	<u>1 632 269.7</u>
FURTHER PROC.	-	-	-	-	2 124 384.5	1 633 680.2
FUEL	26 921.5	6 004.2	368 960	-	-	-
FLARED/WASTE	89.6	-	-	6 208	-	660.7
METER DIFF.	5 811.6	-	(1)	(1)	-	(2 071.2)
DELIVERIES	<u>1 558 407.3</u>	<u>-</u>	<u>-</u>	<u>89 471</u>	<u>-</u>	<u>-</u>
	<u>1 591 230.0</u>	<u>6 004.2</u>	<u>368 959</u>	<u>95 678</u>	<u>2 124 384.5</u>	<u>1 632 269.7</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	3 453 155.0 ^(C)	103 391.0	411 690	137 560	4 291 144.0	3 234 478.0
CLOSE INV.	17 370.0	52 817.0	3 575 052	99 343	521 252.0	49 097.0
	<u>3 456 196.0</u>	<u>109 560.0</u>	<u>-</u>	<u>137 206</u>	<u>4 236 193.0</u>	<u>3 232 396.0</u>
FURTHER PROC.	-	50 956.0	-	-	4 025 765.0	3 486 082.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	58 604.0	-	-	-	6 538.0
METER DIFF.	-	-	-	2	542.0	618.0
DELIVERIES	<u>3 456 196.0</u>	<u>-</u>	<u>-</u>	<u>137 204</u>	<u>-</u>	<u>-</u>
	<u>3 456 196.0</u>	<u>109 560.0</u>	<u>-</u>	<u>137 206</u>	<u>4 026 307.0</u>	<u>3 493 238.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

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Alberta Oil Sands Plant Statistics

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August 1984



Alberta Oil Sands Plant Statistics

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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 AUGUST
Year Month

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
<u>OIL SANDS</u>			<u>OIL SANDS</u>		
	<u>TONNES</u>	<u>GRADE</u>		<u>TONNES</u>	<u>GRADE</u>
PRODUCTION	<u>3 380 587</u>	<u>11.25</u>	PRODUCTION	<u>6 515 840</u>	<u>11.37</u>
PROCESSED	<u>3 380 587</u>	<u>11.25</u>	PROCESSED	<u>4 015 675</u>	<u>11.15</u>
 <u>EXTERNAL ENERGY</u>			 <u>EXTERNAL ENERGY</u>		
	<u>GAS</u>	<u>ELECTRIC</u>		<u>GAS</u>	<u>ELECTRIC</u>
	<u>10³ m³</u>	<u>GWh</u>		<u>10³ m³</u>	<u>GWh</u>
PURCHASED	27 951.8	13.5	PURCHASED	54 737.0	5.2
GENERATED	-	25.0	GENERATED	-	56.2
	<u>27 951.8</u>	<u>38.5</u>		<u>54 737.0</u>	<u>61.4</u>
PLANT USE	17 256.5	38.5	PLANT USE	32 125.0	61.4
FURTHER PROCESSING	10 537.1	-	FURTHER PROCESSING	22 612.0	-
FLARED	158.3	-	FLARED	-	-
METER DIFF.	(0.1)	-	METER DIFF.	-	-
	<u>27 951.8</u>	<u>38.5</u>		<u>54 737.0</u>	<u>61.4</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

AUGUST

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	89 849.9	1 801.1	1 617 615	488 409	24 197.7	12 597.9
PRODUCTION	249 008.0	746.9	74 111	8 655 ^(B)	319 152.9	249 038.8 ^(A)
CLOSE INV.	72 950.0	1 602.3	1 542 989	385 945	26 057.2	7 525.2
	265 907.9	945.7	148 737	111 119	317 293.4	254 111.5
FURTHER PROC.	-	-	-	-	317 293.4	252 873.3
FUEL	3 707.8	945.7	45 120	-	-	112.0
FLARED/WASTE	-	-	-	95 625 ⁽⁴⁾	-	22.6
METER DIFF.	63.2	-	103 617 ⁽³⁾	(5 091) ⁽⁵⁾	-	1 103.6
DELIVERIES	262 136.9	-	-	20 585	-	-
	265 907.9	945.7	148 737	111 119	317 293.4	254 111.5
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	17 370.0	52 817.0	3 575 052	99 343	521 252.0	49 097.0
PRODUCTION	318 542.0 ^(C)	11 260.0	37 650	13 276	410 910.0	298 742.0
CLOSE INV.	29 205.0	58 246.0	3 612 702	98 259	541 423.0	47 303.0
	306 707.0	5 831.0	-	14 360	390 739.0	300 536.0
FURTHER PROC.	-	-	-	-	367 088.0	320 558.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	5 830.0	-	-	-	415.0
METER DIFF.	-	1.0	-	1	(1.0)	3 215.0
DELIVERIES	306 707.0	-	-	14 359	-	-
	306 707.0	5 831.0	-	14 360	367 087.0	324 188.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

(3) Coke inventory adjustment.

(4) Contaminated sulphur written off from inventory.

(5) Sulphur survey adjustment.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 AUGUST
Year to Month

<u>SUNCOR</u>			<u>SYNCRUDE</u>		
<u>OIL SANDS</u>			<u>OIL SANDS</u>		
	<u>TONNES</u>	<u>GRADE</u>		<u>TONNES</u>	<u>GRADE</u>
PRODUCTION	<u>25 068 657</u>	<u>11.50</u>	PRODUCTION	<u>54 463 334</u>	<u>11.09</u>
PROCESSED	<u>24 982 627</u>	<u>11.57</u>	PROCESSED	<u>48 443 358</u>	<u>11.04</u>
 <u>EXTERNAL ENERGY</u>			 <u>EXTERNAL ENERGY</u>		
	<u>GAS</u>	<u>ELECTRIC</u>		<u>GAS</u>	<u>ELECTRIC</u>
	<u>10³ m³</u>	<u>GWh</u>		<u>10³ m³</u>	<u>GWh</u>
PURCHASED	209 075.5	64.2	PURCHASED	490 426.0	72.2
GENERATED	<u>-</u>	<u>221.5</u>	GENERATED	<u>-</u>	<u>514.5</u>
	<u>209 075.5</u>	<u>285.7</u>		<u>490 426.0</u>	<u>586.7</u>
PLANT USE	124 487.1	285.7	PLANT USE	250 368.0	586.7
FURTHER PROCESSING	83 665.8	-	FURTHER PROCESSING	240 058.0	-
FLARED	922.7	-	FLARED	-	-
METER DIFF.	<u>(0.1)</u>	<u>-</u>	METER DIFF.	<u>-</u>	<u>-</u>
	<u>209 075.5</u>	<u>285.7</u>		<u>490 426.0</u>	<u>586.7</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

AUGUST

Year to Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	1 863 747.4	6 892.7	570 470	71 794 ^(B)	2 432 817.2	1 873 137.5 ^(A)
CLOSE INV.	72 950.0	1 602.3	1 542 989	385 945	26 057.2	7 525.2
	<u>1 857 137.9</u>	<u>6 949.9</u>	<u>517 696</u>	<u>206 797</u>	<u>2 441 677.9</u>	<u>1 886 381.2</u>
FURTHER PROC.	-	-	-	-	2 441 677.9	1 886 553.5
FUEL	30 629.3	6 949.9	414 080	-	-	112.0
FLARED/WASTE	89.6	-	-	101 833	-	683.3
METER DIFF.	5 874.8	-	103 616	(5 092)	-	(967.6)
DELIVERIES	<u>1 820 544.2</u>	<u>-</u>	<u>-</u>	<u>110 056</u>	<u>-</u>	<u>-</u>
	<u>1 857 137.9</u>	<u>6 949.9</u>	<u>517 696</u>	<u>206 797</u>	<u>2 441 677.9</u>	<u>1 886 381.2</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	3 771 697.0 ^(C)	114 651.0	449 340	150 836	4 702 054.0	3 533 220.0
CLOSE INV.	29 205.0	58 246.0	3 612 702	98 259	541 423.0	47 303.0
	<u>3 762 903.0</u>	<u>115 391.0</u>	<u>-</u>	<u>151 566</u>	<u>4 626 932.0</u>	<u>3 532 932.0</u>
FURTHER PROC.	-	50 956.0	-	-	4 392 853.0	3 806 640.0
FUEL	-	-	-	-	-	-
FLARED/WASTE	-	64 434.0	-	-	-	6 953.0
METER DIFF.	-	1.0	-	3	541.0	3 833.0
DELIVERIES	<u>3 762 903.0</u>	<u>-</u>	<u>-</u>	<u>151 563</u>	<u>-</u>	<u>-</u>
	<u>3 762 903.0</u>	<u>115 391.0</u>	<u>-</u>	<u>151 566</u>	<u>4 393 394.0</u>	<u>3 817 426.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

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Alberta Oil Sands Plant Statistics

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Alberta Oil Sands Plant Statistics

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- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year		SEPTEMBER Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		<u>OIL SANDS</u>		<u>OIL SANDS</u>	
		<u>TONNES</u>	<u>GRADE</u>	<u>TONNES</u>	<u>GRADE</u>
PRODUCTION		3 232 690	10.37	530 311	9.58
PROCESSED		3 232 690	10.37	899 914	11.93
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		<u>GAS</u>	<u>ELECTRIC</u>	<u>GAS</u>	<u>ELECTRIC</u>
		<u>10³ m³</u>	<u>GWh</u>	<u>10³ m³</u>	<u>GWh</u>
PURCHASED		27 748.5	10.8	49 411.0	0.1
GENERATED		-	25.3	-	27.8
		27 748.5	36.1	49 411.0	27.9
PLANT USE		18 521.3	36.1	39 556.0	27.9
FURTHER PROCESSING		9 227.2	-	9 855.0	-
FLARED		-	-	-	-
METER DIFF.		-	-	-	-
		27 748.5	36.1	49 411.0	27.9

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 SEPTEMBER

Year Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	72 950.0	1 602.3	1 542 989	385 945	26 057.2	7 525.2
PRODUCTION	220 555.6	816.0	69 352	8 297 ^(B)	285 301.3	249 390.0 ^(A)
CLOSE INV.	85 280.6	1 533.2	1 564 731	373 561	14 476.7	25 692.1
	208 225.0	885.1	47 610	20 681	296 881.8	231 223.1
FURTHER PROC.	-	-	-	-	296 881.9	230 717.3
FUEL	4 319.0	885.1	46 927	-	-	430.8
FLARED/WASTE	-	-	-	1 188	-	0.8
METER DIFF.	1 044.6	-	1	(1)	(0.1)	74.2
DELIVERIES	202 861.4	-	682	19 494	-	-
	208 225.0	885.1	47 610	20 681	296 881.8	231 223.1
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	29 205.0	58 246.0	3 612 702	98 259	541 423.0	47 303.0
PRODUCTION	88 328.0 ^(C)	1 133.0	12 187	3 257	98 304.0	90 624.0
CLOSE INV.	33 967.0	55 506.0	3 624 889	97 824	520 908.0	51 929.0
	83 566.0	3 873.0	-	3 692	118 819.0	85 998.0
FURTHER PROC.	-	-	-	-	118 819.0	87 452.0
FUEL	-	2 183.0	-	-	-	-
FLARED/WASTE	-	1 691.0	-	-	-	47.0
METER DIFF.	-	(1.0)	-	-	-	682.0
DELIVERIES	83 566.0	-	-	3 692	-	-
	83 566.0	3 873.0	-	3 692	118 819.0	88 181.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

		<u>1984</u> <u>SEPTEMBER</u>	
		Year to Date	
	<u>SUNCOR</u>		<u>SYNCRUDE</u>
	OIL SANDS		OIL SANDS
	<u>TONNES</u> <u>GRADE</u>		<u>TONNES</u> <u>GRADE</u>
PRODUCTION	<u>28 301 347</u> <u>11.37</u>	PRODUCTION	<u>54 993 645</u> <u>11.07</u>
PROCESSED	<u>28 215 317</u> <u>11.43</u>	PROCESSED	<u>49 343 272</u> <u>11.05</u>
	<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>
	<u>GAS</u> <u>ELECTRIC</u>		<u>GAS</u> <u>ELECTRIC</u>
	<u>10³ m³</u> <u>GWh</u>		<u>10³ m³</u> <u>GWh</u>
PURCHASED	236 824.0 75.0	PURCHASED	539 837.0 72.3
GENERATED	<u>-</u> <u>246.8</u>	GENERATED	<u>-</u> <u>542.3</u>
	<u>236 824.0</u> <u>321.8</u>		<u>539 837.0</u> <u>614.6</u>
PLANT USE	143 008.4 321.8	PLANT USE	289 924.0 614.6
FURTHER PROCESSING	92 893.0 -	FURTHER PROCESSING	249 913.0 -
FLARED	922.7 -	FLARED	- -
METER DIFF.	<u>(0.1)</u> <u>-</u>	METER DIFF.	<u>-</u> <u>-</u>
	<u>236 824.0</u> <u>321.8</u>		<u>539 837.0</u> <u>614.6</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 SEPTEMBER

Year to Date

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	2 084 303.0	7 708.7	639 822	80 091 ^(B)	2 718 118.5	2 122 527.5
CLOSE INV.	85 280.6	1 533.2	1 564 731	373 561	14 476.7	25 692.1
	<u>2 065 362.9</u>	<u>7 835.0</u>	<u>565 306</u>	<u>227 478</u>	<u>2 738 559.7</u>	<u>2 117 604.3</u>
FURTHER PROC.	-	-	-	-	2 738 559.8	2 117 270.8
FUEL	34 948.3	7 835.0	461 007	-	-	542.8
FLARED/WASTE	89.6	-	-	103 021	-	684.1
METER DIFF.	6 919.4	-	103 617	(5 093)	(0.1)	(893.4)
DELIVERIES	<u>2 023 405.6</u>	<u>-</u>	<u>682</u>	<u>129 550</u>	<u>-</u>	<u>-</u>
	<u>2 065 362.9</u>	<u>7 835.0</u>	<u>565 306</u>	<u>227 478</u>	<u>2 738 559.7</u>	<u>2 117 604.3</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	3 860 025.0 ^(C)	115 784.0	461 527	154 093	4 800 358.0	3 623 844.0
CLOSE INV.	33 967.0	55 506.0	3 624 889	97 824	520 908.0	51 929.0
	<u>3 846 469.0</u>	<u>119 264.0</u>	<u>-</u>	<u>155 258</u>	<u>4 745 751.0</u>	<u>3 618 930.0</u>
FURTHER PROC.	-	50 956.0	-	-	4 511 672.0	3 894 092.0
FUEL	-	2 183.0	-	-	-	-
FLARED/WASTE	-	66 125.0	-	-	-	7 000.0
METER DIFF.	-	0.0	-	3	541.0	4 515.0
DELIVERIES	<u>3 846 469.0</u>	<u>-</u>	<u>-</u>	<u>155 255</u>	<u>-</u>	<u>-</u>
	<u>3 846 469.0</u>	<u>119 264.0</u>	<u>-</u>	<u>155 258</u>	<u>4 512 213.0</u>	<u>3 905 607.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

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Monthly Supplement

October 1984



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NOTES

- (A) Distillate Production does not include Heavy Fuel Oil.
- (B) Sulphur Production includes Flared/Waste.
- (C) Synthetic Crude Oil Production does not include Diluent Naphtha Production.

BITUMEN SYNTHETIC PLANT OPERATIONS

		1984 Year		OCTOBER Month	
		<u>SUNCOR</u>		<u>SYNCRUDE</u>	
		OIL SANDS		OIL SANDS	
		TONNES	GRADE	TONNES	GRADE
PRODUCTION		<u>2 930 870</u>	<u>11.57</u>	PRODUCTION	<u>876 541</u> <u>10.35</u>
PROCESSED		<u>2 930 870</u>	<u>11.57</u>	PROCESSED	<u>4 553 300</u> <u>11.15</u>
		<u>EXTERNAL ENERGY</u>		<u>EXTERNAL ENERGY</u>	
		GAS	ELECTRIC	GAS	ELECTRIC
		10 ³ m ³	GWh	10 ³ m ³	GWh
PURCHASED		28 726.8	5.8	PURCHASED	62 744.0 1.4
GENERATED		-	30.3	GENERATED	- 62.3
		<u>28 726.8</u>	<u>36.1</u>		<u>62 744.0</u> <u>63.7</u>
PLANT USE		18 784.9	36.1	PLANT USE	43 381.0 63.7
FURTHER PROCESSING		9 294.4	-	FURTHER PROCESSING	19 363.0 -
FLARED		647.5	-	FLARED	- -
METER DIFF.		-	-	METER DIFF.	- -
		<u>28 726.8</u>	<u>36.1</u>		<u>62 744.0</u> <u>63.7</u>

NOTES: (1) Grade: mass per-cent bitumen in oil sands.

(2) Gas volume at 101.325 kPa and 15°C.

BITUMEN SYNTHETIC PLANT OPERATIONS

1984

OCTOBER

Year

Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	85 280.6	1 533.2	1 564 731	373 561	14 476.7	25 692.1
PRODUCTION	227 262.0	2 746.6	65 105	7 754 ^(B)	282 725.5	236 296.3 ^(A)
FROM SYNCRUDE	-	-	-	-	5 688.0	-
CLOSE INV.	101 253.5	1 550.6	1 580 389	360 216	24 184.0	19 852.8
	211 289.1	2 729.2	49 447	21 099	278 706.2	242 135.6
FURTHER PROC.	-	-	-	-	278 706.2	240 223.9
FUEL	1 417.6	2 729.1	49 315	-	-	2 223.6
FLARED/WASTE	-	-	-	843	-	211.0
METER DIFF.	506.8	0.1	-	-	-	(522.9)
DELIVERIES	209 364.7	-	132	20 256	-	-
	211 289.1	2 729.2	49 447	21 099	278 706.2	242 135.6
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	33 967.0	55 506.0	3 624 889	97 824	520 908.0	51 929.0
PRODUCTION	325 965.0 ^(C)	11 404.0	40 604	13 231	441 260.0	312 993.0
CLOSE INV.	25 258.0	54 047.0	3 665 493	96 096	540 651.0	60 174.0
	334 674.0	12 863.0	-	14 959	421 517.0	304 748.0
FURTHER PROC.	-	-	-	-	396 680.0	331 169.0
FUEL	-	7 472.0	-	-	-	-
FLARED/WASTE	-	5 390.0	-	-	-	200.0
METER DIFF.	-	1.0	-	-	(1.0)	1.0
TO SUNCOR	-	-	-	-	5 688.0	-
DELIVERIES	334 674.0	-	-	14 959	-	-
	334 674.0	12 863.0	-	14 959	402 367.0	331 370.0

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

Name		Address		City	
1	John Doe	123 Main St	Anytown	CA	90001
2	Jane Smith	456 Elm St	Anytown	CA	90002
3	Bob Johnson	789 Oak St	Anytown	CA	90003
4	Alice Brown	101 Pine St	Anytown	CA	90004
5	Charlie Davis	202 Pine St	Anytown	CA	90005
6	Eve White	303 Pine St	Anytown	CA	90006
7	Frank Green	404 Pine St	Anytown	CA	90007
8	Grace Hall	505 Pine St	Anytown	CA	90008
9	Henry King	606 Pine St	Anytown	CA	90009
10	Ivy Lee	707 Pine St	Anytown	CA	90010
11	Jack Miller	808 Pine St	Anytown	CA	90011
12	Karen Wilson	909 Pine St	Anytown	CA	90012
13	Leo Taylor	1010 Pine St	Anytown	CA	90013
14	Mia Anderson	1111 Pine St	Anytown	CA	90014
15	Noah Thomas	1212 Pine St	Anytown	CA	90015
16	Olivia Harris	1313 Pine St	Anytown	CA	90016
17	Peter Clark	1414 Pine St	Anytown	CA	90017
18	Quinn Lewis	1515 Pine St	Anytown	CA	90018
19	Rachel Walker	1616 Pine St	Anytown	CA	90019
20	Samuel Young	1717 Pine St	Anytown	CA	90020
21	Tina King	1818 Pine St	Anytown	CA	90021
22	Uma Lee	1919 Pine St	Anytown	CA	90022
23	Victor Miller	2020 Pine St	Anytown	CA	90023
24	Wendy Wilson	2121 Pine St	Anytown	CA	90024
25	Xavier Taylor	2222 Pine St	Anytown	CA	90025
26	Yara Anderson	2323 Pine St	Anytown	CA	90026
27	Zoe Thomas	2424 Pine St	Anytown	CA	90027
28	Adam Harris	2525 Pine St	Anytown	CA	90028
29	Bella Clark	2626 Pine St	Anytown	CA	90029
30	Carl Lewis	2727 Pine St	Anytown	CA	90030
31	Diana Walker	2828 Pine St	Anytown	CA	90031
32	Ethan Young	2929 Pine St	Anytown	CA	90032
33	Fiona King	3030 Pine St	Anytown	CA	90033
34	Gavin Lee	3131 Pine St	Anytown	CA	90034
35	Helen Miller	3232 Pine St	Anytown	CA	90035
36	Ian Wilson	3333 Pine St	Anytown	CA	90036
37	Julia Taylor	3434 Pine St	Anytown	CA	90037
38	Kyle Anderson	3535 Pine St	Anytown	CA	90038
39	Laura Thomas	3636 Pine St	Anytown	CA	90039
40	Mark Harris	3737 Pine St	Anytown	CA	90040
41	Nancy Clark	3838 Pine St	Anytown	CA	90041
42	Oscar Lewis	3939 Pine St	Anytown	CA	90042
43	Pamela Walker	4040 Pine St	Anytown	CA	90043
44	Quinn Young	4141 Pine St	Anytown	CA	90044
45	Rachel King	4242 Pine St	Anytown	CA	90045
46	Samuel Lee	4343 Pine St	Anytown	CA	90046
47	Tina Miller	4444 Pine St	Anytown	CA	90047
48	Uma Wilson	4545 Pine St	Anytown	CA	90048
49	Victor Taylor	4646 Pine St	Anytown	CA	90049
50	Wendy Anderson	4747 Pine St	Anytown	CA	90050

BITUMEN SYNTHETIC PLANT OPERATIONS

1984 OCTOBER

Year to Month

OPERATOR	PRODUCTS				INTERMEDIATES	
	SYNTHETIC CRUDE OIL m ³	OTHER HYDRO- CARBONS m ³	COKE TONNES	SULPHUR TONNES	BITUMEN m ³	DISTILLATE m ³
<u>SUNCOR</u>		Heavy Fuel Oil				
OPEN INV.	66 340.5	1 659.5	1 490 215	520 948	34 917.9	20 768.9
PRODUCTION	2 311 565.0	10 455.3	704 927	87 845 ^(B)	3 000 844.0	2 358 823.8 ^(A)
FROM SYNCRUDE	-	-	-	-	5 688.0	-
CLOSE INV.	101 253.5	1 550.6	1 580 389	360 216	24 184.0	19 852.8
	<u>2 276 652.0</u>	<u>10 564.2</u>	<u>614 753</u>	<u>248 577</u>	<u>3 017 265.9</u>	<u>2 359 739.9</u>
FURTHER PROC.	-	-	-	-	3 017 266.0	2 357 494.7
FUEL	36 365.9	10 564.1	510 322	-	-	2 766.4
FLARED/WASTE	89.6	-	-	103 864	-	895.1
METER DIFF.	7 426.2	0.1	103 617	(5 093)	(0.1)	(1 416.3)
DELIVERIES	<u>2 232 770.3</u>	<u>-</u>	<u>814</u>	<u>149 806</u>	<u>-</u>	<u>-</u>
	<u>2 276 652.0</u>	<u>10 564.2</u>	<u>614 753</u>	<u>248 577</u>	<u>3 017 265.9</u>	<u>2 359 739.9</u>
<u>SYNCRUDE</u>		Diluent Naphtha				
OPEN INV.	20 411.0	58 986.0	3 163 362	98 989	466 301.0	47 015.0
PRODUCTION	4 185 990.0 ^(C)	127 188.0	502 131	167 324	5 241 618.0	3 936 837.0
CLOSE INV.	25 258.0	54 047.0	3 665 493	96 096	540 651.0	60 174.0
	<u>4 181 143.0</u>	<u>132 127.0</u>	<u>-</u>	<u>170 217</u>	<u>5 167 268.0</u>	<u>3 923 678.0</u>
FURTHER PROC.	-	50 956.0	-	-	4 908 352.0	4 225 261.0
FUEL	-	9 655.0	-	-	-	-
FLARED/WASTE	-	71 515.0	-	-	-	7 200.0
METER DIFF.	-	1.0	-	3	540.0	4 516.0
TO SUNCOR	-	-	-	-	5 688.0	-
DELIVERIES	<u>4 181 143.0</u>	<u>-</u>	<u>-</u>	<u>170 214</u>	<u>-</u>	<u>-</u>
	<u>4 181 143.0</u>	<u>132 127.0</u>	<u>-</u>	<u>170 217</u>	<u>4 914 580.0</u>	<u>4 236 977.0</u>

NOTES: (1) Volume at 101.325 kPa and 15°C.

(2) Liquid volume at 15°C.

